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 TITLE: **Coloring** of natural marble and marble articles
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 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
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 LANGUAGE: Chinese
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 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CN 86104010	A	19871230	CN 86-104010	19860616
	CN 1006619	B	19900131		
AB	A film of light-sensitive material, i.e., <u>AgNO3 soln.</u> , and a reducing agent mixt. of <u>NaOH</u> 10-15%, <u>formaldehyde</u> 25-30, and <u>H2O</u> 55-65 wt.% are <u>glazed stepwise</u> on the surface of natural marble for decoration by handwriting, drawing, and artificial designs. Both reagents penetrate into the microvoids of the marble in the area to be decorated, and <u>react</u> to form Ag deposits. Black markings show after the marble is exposed to sunlight. The depth of penetration and the intensity of the color of the decoration are controlled by varying the soaking and diffusion time of the				
	AgNO3 soln. inside the marble and the concn. of both reagents.				
TI	Coloring of natural marble and marble articles				
IT	1310-73-2 , Sodium hydroxide, uses and miscellaneous				
	RL: USES (Uses)				
	(pH control by, in silver nitrate reaction with formaldehyde in marble for decoration)				
IT	7761-88-8 , Silver nitrate, reactions				
	RL: RCT (Reactant)				
	(reaction of light-sensitive, with formaldehyde, for decoration of marble)				